

# 2012 Hurricane Season

- *2 named storms prior to June 1*
- *Remember 1992*

# Emergency Management

- **Preparation**
- **Response**
- **Recovery**
- **Mitigation**
- **Close Out**

# FUNDING SOURCE

- Insurance
- FHWA ER (Federal Aid Roads)
  - <http://www.dot.state.fl.us/planning/statistics/fedaid/>
- FEMA
- Local Fund

# FHWA

# FEMA

<b>Federal-aid roads</b>	<b>Federal-aid &amp; Non-federal aid roads</b>
<b>DDIR</b>	<b>PW</b>
<b>Emergency Repair / Permanent Restoration</b>	<b>Small Project / Large Project</b>
<b>Damage Repairs</b>	<b>Damage Repairs &amp; Protective Measures</b>
<b>&gt; \$5000 per site</b>	<b>&gt; \$1000 per site</b>
<b><u>Emergency Repair</u> 100 % within 180 days 80% beyond 180 days <u>Permanent Restoration</u> 2 full federal FY</b>	<b>100% 72 consecutive hours 75%*</b>
<b>FDOT Agent for FHWA</b>	<b>FDEM</b>

# FHWA ER Governing Documents

- FHWA ER Manual Nov 2009
- FHWA Florida Division Guidance July 16, 2008
- FHWA Florida Division Guidance June 16, 2009
- FHWA Florida Division ER Q&A June 2010
- ***FHWA Florida Division Policy Letters 2012***



# FHWA ER is **NOT** intended

- Cover all repairs
- Heavy maintenance responsibilities
- Pre-existing Condition
- Replace other Funding



# Emergency Repairs

- Protect Remaining Facilities
- Minimize Extent of Damage
- Restore Essential Traffic

Eg. Cut & Toss, 1<sup>st</sup> Pass Debris Removal,  
Phase 1 Signal Repairs

# Debris Removal Max Lateral Limits

- Interstate – 50' from edge line
- US/State Road – 40' from edge line
- Others – 20' from edge line
- Debris in drainage ditch





# Debris Removal Operations

- Veg, C&D, White Goods pick up in different trucks but within the same time frame (a few days apart but not a few weeks)
- No reimbursement for debris reduction
- No reimbursement for hauling after reduction
- Reimburse for initial haul to most expeditious site (excess long haul not eligible)

# Pre-Event Contracts

- If local agencies utilize pre-event contracts they must be consistent with the approved State FDOT scope to be considered eligible for federal-aid reimbursement.

# Permanent Restorations

- Sign Repairs
- Majority of the Phase 2 Signal Repairs
- Streetlight Repairs

# Contract Documents

- MUST BE WRITTEN – No verbal contract
  - 1273 Attached

Purchase Order

Piggy-back contract

# DDIR

- Written within 6 months after Fed declaration
- Written contractual document
- Environmental Checklist
- Estimated Quantities
- Estimated Cost



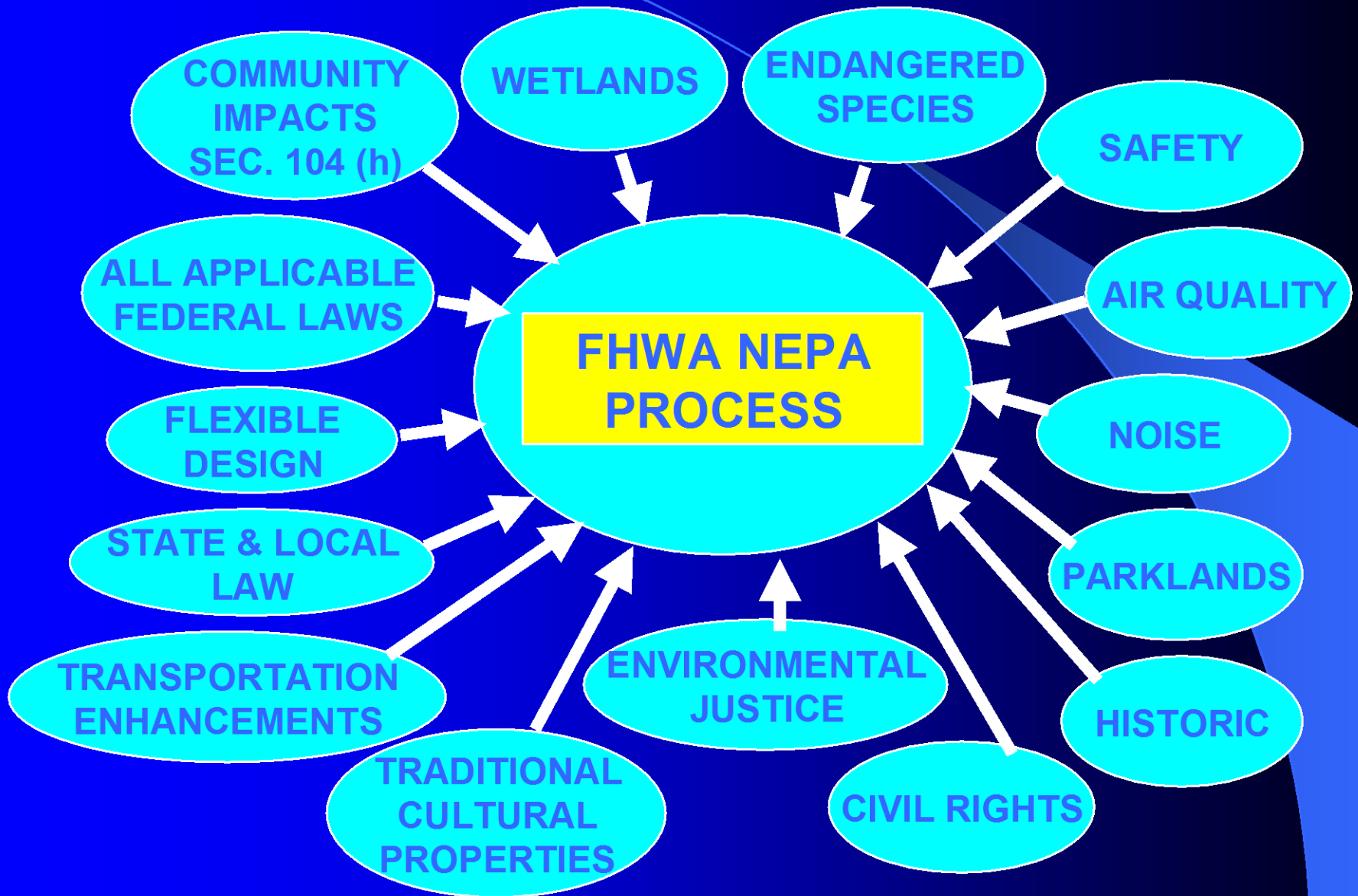
# FHWA Reimbursement Process

- County-wide group meeting
- Individual meeting with municipality
- FHWA & FDOT review damage and cost documentations
- Site visit
- Write DDIR
- Invoicing
- JPA

# Invoicing

- 4 years after Governor or President declared the State of Emergency

# ***FHWA NEPA PROCESS***



# DFDOT D4 Internet Site

- <http://www.dot.state.fl.us/EmergencyManagement/>





# Preparation

- Update Emergency Management Plan
- Provide refresher training on FHWA ER
- Coordination w/Cities & Counties on roles and responsibilities
- FDEP Pre-Authorization of Debris Management Sites
- Execute Pre-event Contracts
- Conduct Exercise



# Response

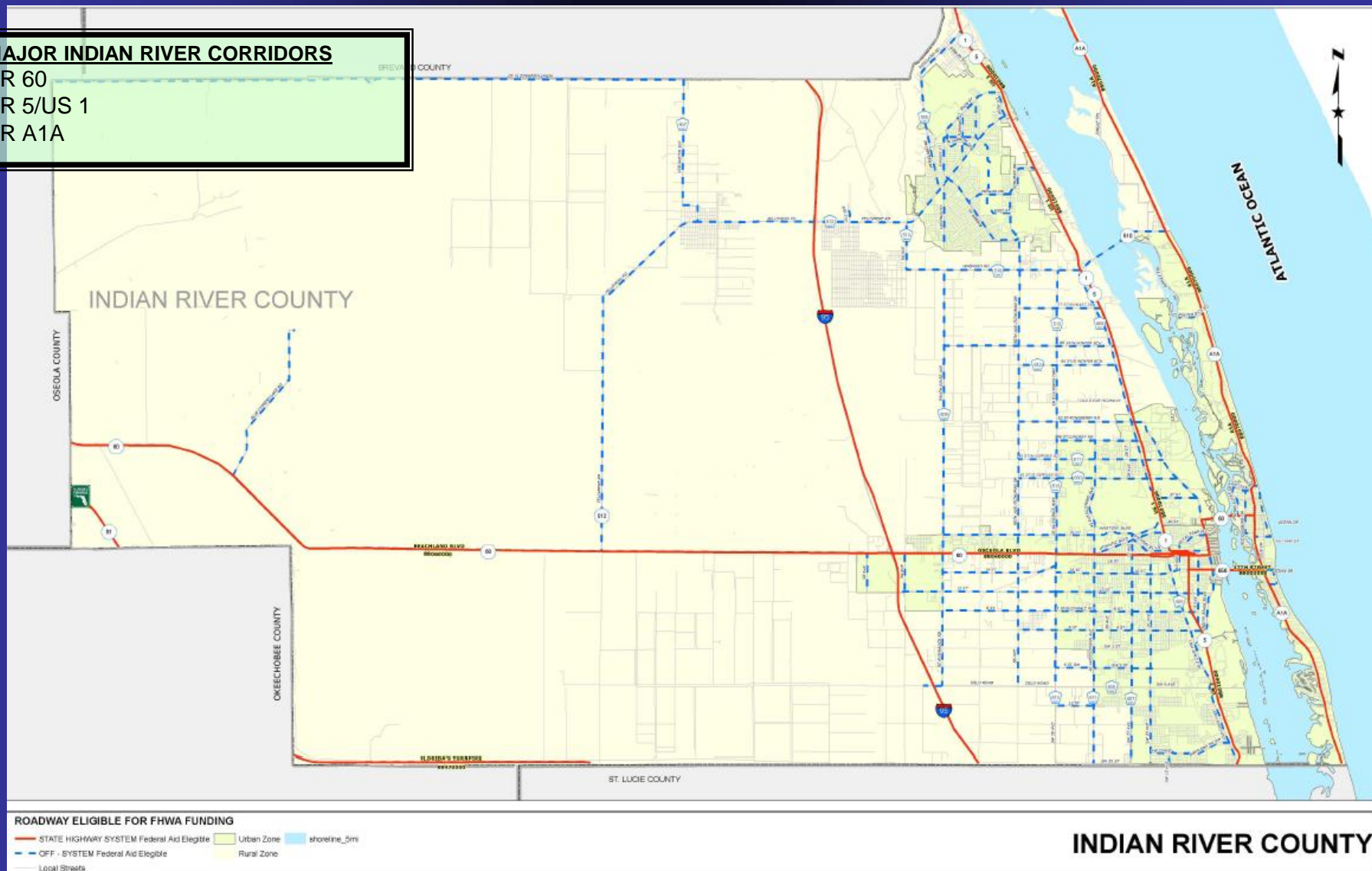
- Damage Assessment
- Provide road closure information and debris damages to the County EOC



# Recovery

- Priorities
  - #1 Interstates
  - #2 Major Corridors
  - #3 Other roads

SR 60  
SR 5/US 1  
SR A1A



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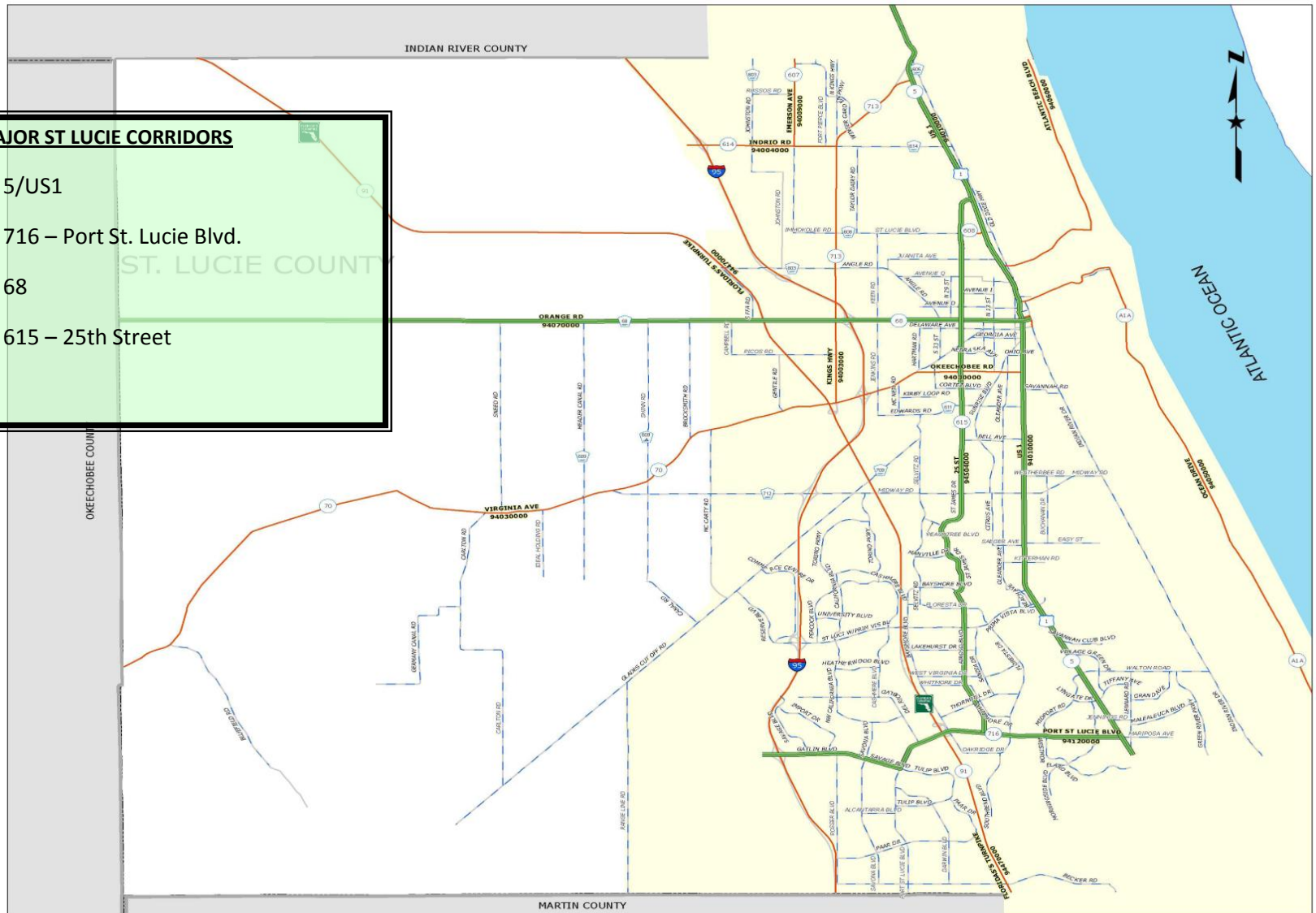
### MAJOR ST LUCIE CORRIDORS

SR 5/US1

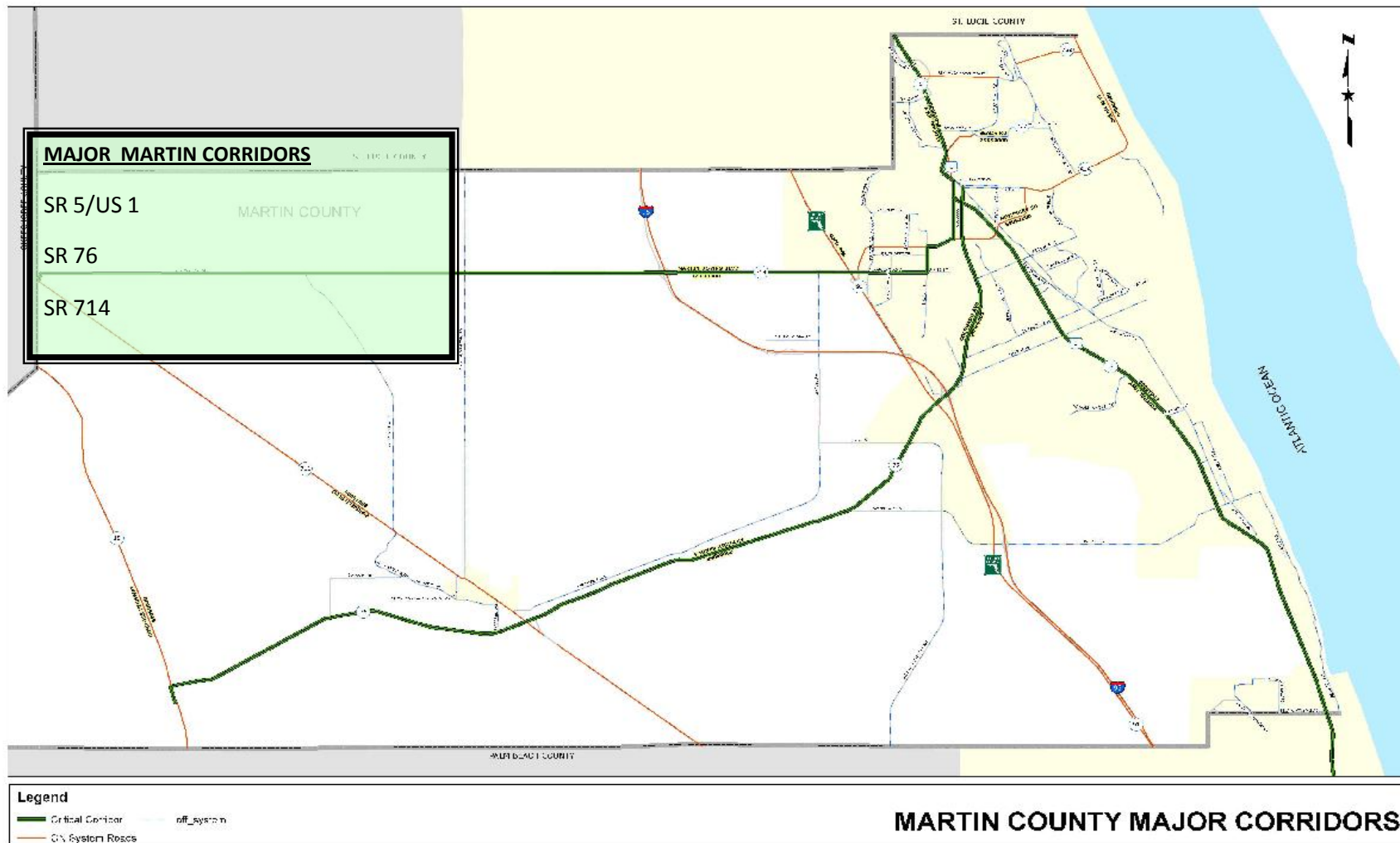
SR 716 – Port St. Lucie Blvd.

SR 68

SR 615 – 25th Street







# RECOVERY



## Palm Beach County

### #1 Interstates

### #2 MAJOR PALM BEACH CORRIDORS

US 1/SR 5

SR 7

SR 808 – Glades

SR 806 – Atlantic Ave. West

SR 806 – Boynton Beach Blvd.

SR 802 – Lake Worth Road

SR 80 – Southern Blvd.

SR 704 – Okeechobee Blvd.

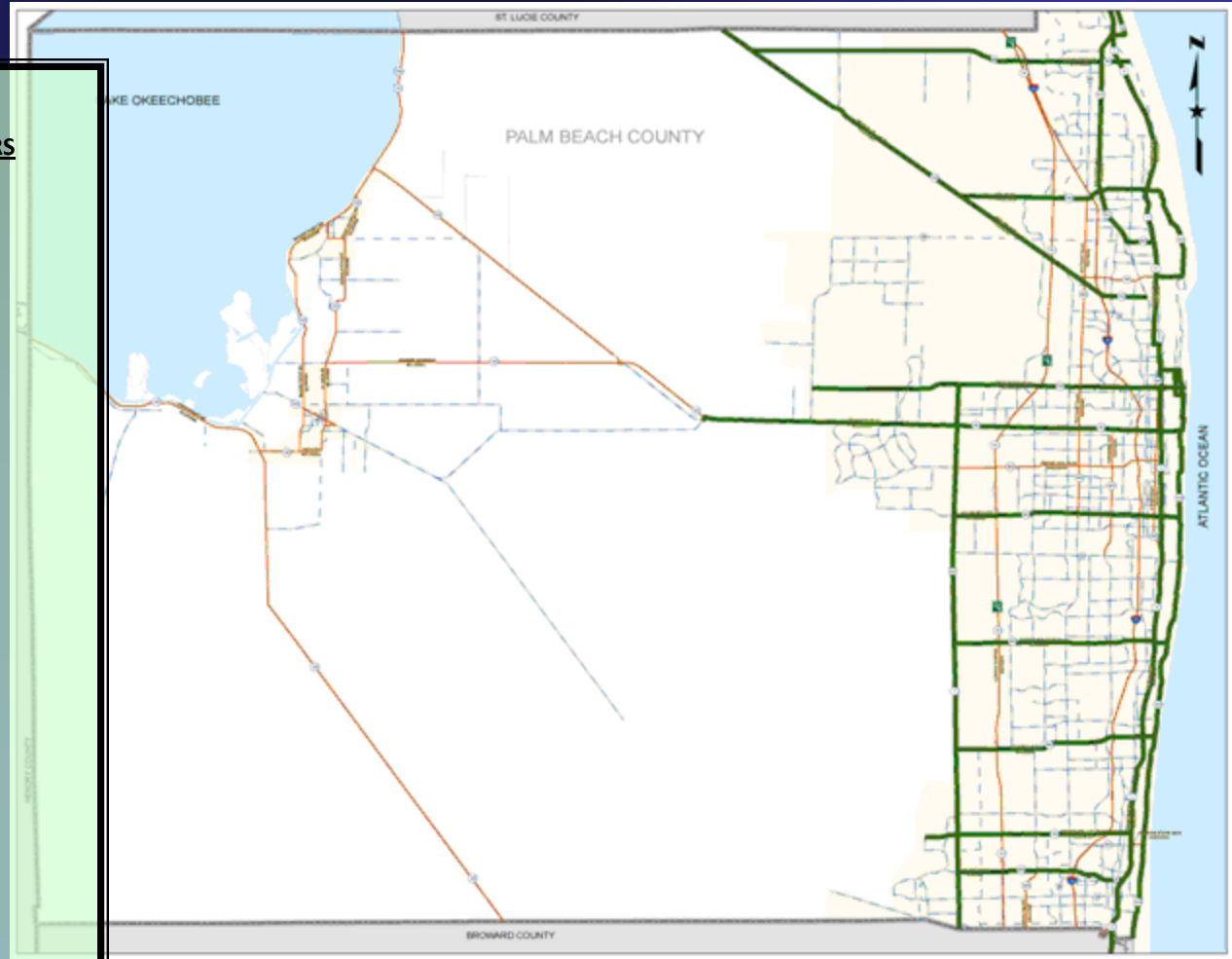
SR 710 – Beeline Highway

SR 786 – PGA Blvd.

SR 706 – Indiantown Road

SR 811 – Old Dixie/Alt A1A

SR 794 – Yamato Road



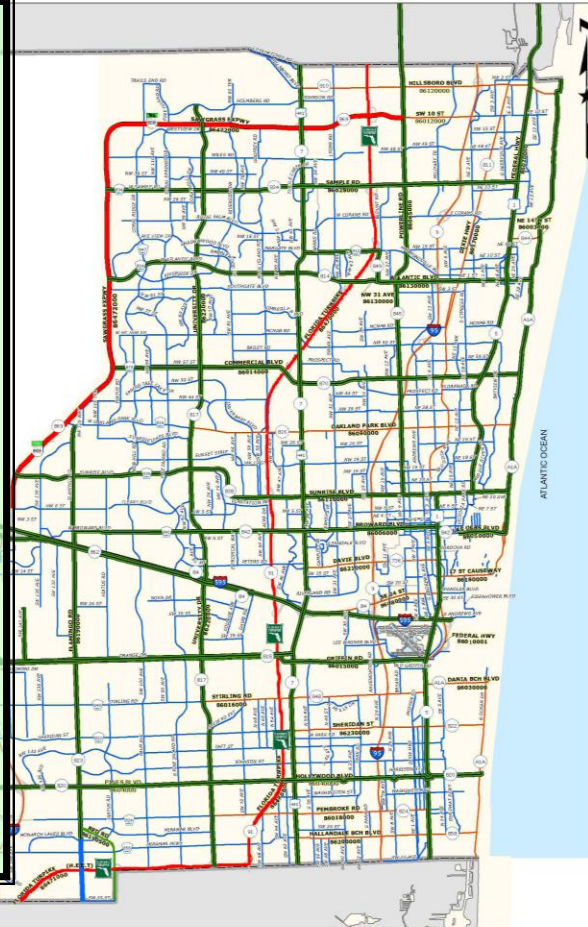
# Recovery

## #1 Interstates

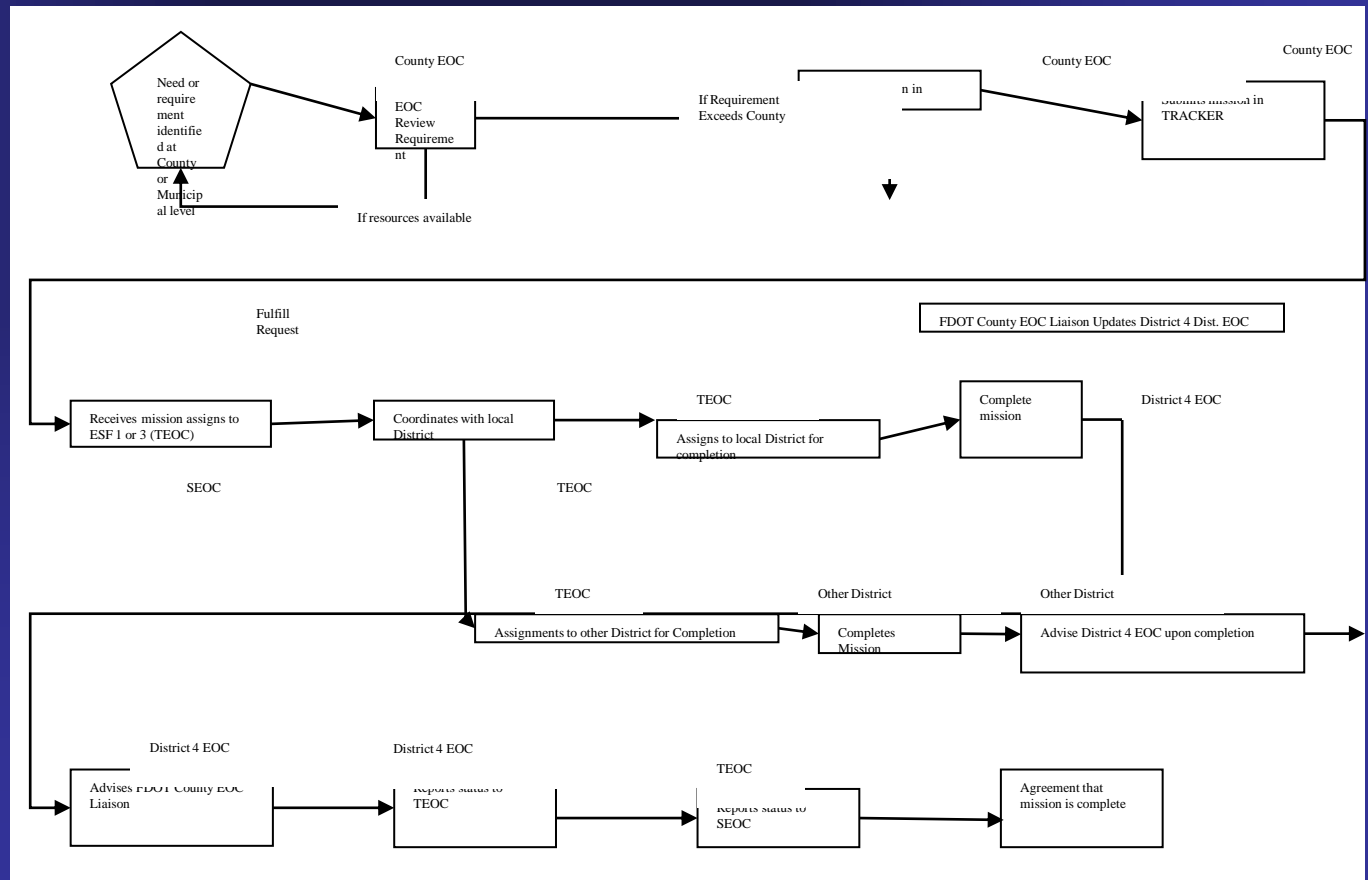
## #2 Major Corridors

- SR 5/US1
- SR 7
- SR 817 – University Drive
- SR 823 – Flamingo
- SR 869 – 10<sup>th</sup> Street
- SR 834 – Sample Road
- SR 814 – Atlantic
- SR 870 – Commercial
- SR 838 – Sunrise
- SR 842 – Broward
- SR 84
- SR 818 – Griffin
- SR 820 – Pines/Hollywood

## #3 Other State Roads



## ➤ Assistance to Locals



# Close Out

- Review Invoices (partial payment)
- NEPA Clearance
- Authorization from FHWA
- Process payment
- FDOT seeks reimbursement from FHWA
- Final Acceptance
- Audit

